

## About Us

Membrion's purpose is to create circularity of the world's most valuable resources. Our initial focus is on water, and we work with the world's largest companies to help them recover and reuse the wastewater they generate. Our award-winning ceramic desalination membranes enable us to efficiently treat impossibly challenging wastewater, such as those that would otherwise be trucked off-site to a 3<sup>rd</sup> party facility to be boiled or chemically processed. As one of the best-funded and fastest-growing start-ups in water technology, we embody diversity and define success as living our core values of seeing what isn't obvious, being obnoxiously reliable, relentlessly flowing like a river, and being in this together. You can learn more about these core values at [membrion.com/careers](https://membrion.com/careers).

<b>Position Title:</b>	Senior Manufacturing Engineer
<b>Position Type:</b>	Full-Time, exempt
<b>Location:</b>	3257 17 <sup>th</sup> Ave W, Seattle, WA
<b>Reporting To:</b>	Chief Operations Officer
<b>Salary Range:</b>	\$100,000 - \$140,000, with additional bonus, benefits and stock options

## Position Description & Expectations

This individual will ideate, initialize, diagnose, and optimize production processes to improve efficiency and reliability while ensuring that consistently high-quality product is manufactured and assembled at an increasingly rapid pace. They will work closely with cross-functional teams, including R&D engineers, production personnel, and quality assurance engineers, to develop and implement effective manufacturing solutions. The ideal candidate will have a strong background in manufacturing processes, automation, and continuous improvement methodologies.

## Responsibilities

- Collect and analyze manufacturing data to identify, develop and implement processes and procedures to increase productivity, improve quality, ensure reliability, reduce waste, and minimize production costs.
- Manage the design, development, procurement, installation and commissioning of new equipment and processes.
- Perform cost / benefit assessments of capital purchases.
- Collaborate with maintenance teams to establish preventive maintenance schedules and ensure the optimal performance of manufacturing equipment.
- Troubleshoot equipment issues, coordinate repairs, and recommend upgrades or replacements when necessary.
- Work with the production team to effectively execute daily production plans based on customer requirements, inventory levels, supplier capabilities, and in-house production capacities.
- Develop and maintain manufacturing documentation, including standard operating procedures (SOPs), work instructions, and quality control plans.
- Collaborate with suppliers to ensure timely delivery of components and resolve manufacturing-related issues.
- Ensure that equipment and processes comply with safety standards.
- Ensure that facilities meet codes, regulations, and company policies.
- Train production personnel on new processes, equipment, and procedures to ensure effective implementation.

- Stay updated with the latest advancements in manufacturing technologies and industry best practices.

### **Required Qualifications & Skills**

- Bachelor's degree in Manufacturing, Mechanical, or Industrial Engineering (or a related field).
- Minimum 5 years of experience in a manufacturing engineering role, preferably in a fast-paced production environment.
- Strong knowledge of manufacturing processes, including machinery operation and maintenance, product assembly, preventive maintenance procedures, and equipment automation.
- Proficiency in CAD software for designing fixtures, tooling, and equipment.
- Familiarity with Lean Manufacturing, Six Sigma, or other continuous improvement methodologies.
- Effective communication and interpersonal skills to collaborate with cross-functional teams and interact with suppliers and customers.
- Ability to work independently and manage multiple priorities in a fast-paced manufacturing environment.
- Strong organizational skills and attention to detail to maintain accurate documentation and records.

### **Preferred Qualifications & Skills**

Experience with:

- Bringing unique or challenging new products into commercial scale production
- Roll-to-roll coating processes or similar material handling processes
- Hardware procurement, assembly and testing
- MRP systems

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